VPL-CX75
Data Projector

SONY

Key Features

High Brightness and High Picture Quality on VPL-CX75.

The VPL-CX75 at 2500 ANSI lumes, native XGA resolution provides quality images and exceptional brightness.

Easy Setup and Operation

Advanced Intelligent Auto Setup with Auto Focus

Advanced Intelligent Auto Setup allows presentations to be started immediately. As soon as the power is turned on, the projector initiates a host of sophisticated setup functions. The shooting angle can be set using the power-operated tilt adjuster via the supplied Remote Commander. The new setting is retained in memory and instantly recalled the next time the projector is used.

Auto Focus

The focus is adjusted automatically. This convenient function is attributed to built-in cameras, which measure the distance. No more wasted time waiting the picture is displayed then adjusting the focus.

Memory Stick

The VPL-CX75 offers a variety of features that make presentations smooth and smart.
Photos and video clips can be run right from the VPL-CX75 projector using "Memory Stick TM" media.
This means there is no need for a PC. The system can directly project JPEG, including digital photo (DCF standard) and MPEG1 * movie formats. Projected images can be directly controlled with the RM-PJM17 Remote Commander unit.
Microsoft PowerPoint presentations, BMP, and TIFF files can also be projected by converting them to JPEG files, using the supplied Projector Station for Presentation software application, and saving them to a "Memory Stick" media.
The VPL-CX75 accepts standard size and dou Memory Stick media.

Quiet Operation

The low fan noise is attributed to a highly efficient cooling system based on the latest technology from high-end home projector systems.
By adopting this technology, the fan noise can be suppressed to approximately 30dB allowing for smooth, undisturbed presentations.
* This noise level is achieved when the projector's lamp mode is set to standard.

Air Shot, easy-to-use Wireless Presentation

The VPL-CX75 has a wireless transmission function, which eliminates the need for cable connections between a computer and the projector. This convenient feature makes it easy to switch presentations from one person to another - the presenter simply passes a USB wireless LAN module to the next presenter. It also allows mobility between a computer and the projector, so that you can pick up your computer and walk to another part of the room without fumbling with a cable.

Short Focal-Length Lens, Power Focus, Power Zoom

The short focal-length lens enables a large screen size from a short throwing distance. An 80-inch image can be projected from a distance of only 2.4 meters.

- Viewable area, measured diagonally
- The projection size that can be adjusted with the automatic focus adjustment is from 40-inch up to 150-inch.

Easy Setup and Operation

Powered Lens Protector

When power is switched on, the powered lens protector opens automatically. No more wasted time looking for a missing lens cover; It's always on the projector.

Powered Tilt Adjuster

The VPL-CX75 offers a variety of features that make setup and operation quick and smart.

Auto Keystone Correction

Vertically keystone distortion is automatically corrected according to the tilt angle. Keystone distortion can be corrected up to 20 degrees. This means images can be projected with correct geometry even when installation spaces is limited.

Auto Input Search

The VPL-CX75 automatically checks the projector's input connectors and selects the one to which an input signal is supplied. Images are projected from the moment the power is turned on. Vertically keystone distortion is automatically corrected according to the tilt angle. Keystone distortion can be corrected up to 20 degrees. This means images can be projected with correct geometry even when installation spaces is limited.

Smart APA (Auto Pixel Alignment)

The smart APA functions automatically size and adjust PC image displays for optimum picture performance allowing users to concentrate on their presentations, rather than time-consuming technical adjustments.

Side Shot TM Horizontal Keystone Adjustment

Side Shot digital horizontal keystone adjustment capabilities allow you to effortlessly align the picture at the press of a button. This technology allows you the convenience of placing the projector off-axis from the center of the screen when necessary.

OFF&GO

The VPL-CX75 incorporates a built-in circuit that continues to run its cooling fan after the power is cut. This feature allows you to unplug the projector and carry it away without waiting, because the fan continues to cool the unit. Turn off the projector in accordance with the operating instructions. The projector should be cool before inserting into the carrying case.

Security Feature

The Air Shot wireless feature offers a high level of security preventing cross-communication between projectors and PCs by using an encryption function, WEP (Wired Equivalency Protection). This secure transmission function is automatically set even in Simple Mode.

Multi-Connection Capability

Up to five VPL-CX75 can be connected wirelessly, with the image from a single PC projected on each. This feature is ideal for large venues in which images have to be projected from various locations. In any of the various Air Shot configurations, including Simple Mode, LAN Configuration, and Multi-Connection Configuration.

- Sony cannot guarantee the security of wireless communications

LAN Connection Capability

In office environments with a wireless LAN capability, the VPL-CX75 can be accessed via a wireless LAN access point and used by any PC on he LAN. This configuration is convenient for remote maintenance and control of the projector.

Web Browser Access

VPL-CX75 projectors can be accessed via a web browser. The setup menu can be changed and maintenance information can be obtained via a user-friendly GUI. Requires Microsoft Internet Explorer 5.0 or later.

Remote Control

Easy-to-Use Remote Commander Units The VPL- CX75 is supplied the RM-PJP1, which is very simple controls and a laser pointer, designed for presentations with the Air Shot features.

Installation Flexibility

Ceiling Mountable

The VPL-CX75 is designed for use in a variety of environments. Even with its compact design, it functions equally well when installed for ceiling or floor. The VPL-CX75 can be ceiling mounted. Screw holes on the bottom plate are provided for use with a suspension-type bracket.

Air Shot

Simple Mode

Air Shot simple mode is a revolutionary new way of presenting, allowing you to establish wireless communication between the projector and a PC and to instantly begin a presentation. This feature is easy to use even for those not familiar with setting up wireless network systems.

Making Air Shot wireless presentations is as easy as 1, 2, 3!

1) Simply insert the wireless LAN card into the VPL-CX85, and turn on the projector.

2) Then, plug the USB wireless LAN module into your PC...

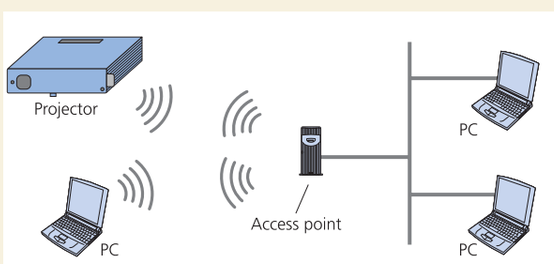
3) And voila! The image on your PC is automatically projected from the VPL-CX85.

Note: The Projector Station for Air Shot software application must be installed on the PC the first time the projector's Air Shot feature is used. This can be done by simply plugging the USB storage media into your PC and following the "Setup Wizard" instructions on your PC display. [5]

[5] When using Windows XP or Windows 2000, the user must be logged into an account with computer administrator access.

LAN Connection Capability [6]

In office environments with a wireless LAN capability, the VPL-CX85 can be accessed via a wireless LAN access point and used by any PC on the LAN. This configuration is convenient for remote maintenance and control of the projector.



[6] Simple mode cannot be used in this configuration. An IEEE 802.11b-compliant wireless LAN access point is required. Channels: 1 to 11. WEP: 128-bit (104) / 64-bit (40). Air Shot may not function properly in certain wireless LAN environments

High-Speed Image Transfer

Wireless connections can sometimes introduce delays when transmitting images to the projector. However, the VPL-CX85 employs a Sony original compression and transmission technique allowing for smooth presentations with high-quality images.

Security Feature

The Air Shot wireless feature offers a high level of security preventing cross-communication between projectors and PCs by using an encryption function, WEP (Wired Equivalency Protection). [7] This secure transmission function is automatically set even in Simple Mode.

[7] Sony cannot guarantee the security of wireless communications.

Multi-Connection Capability [8]

Up to five VPL-CX75 data projectors can be connected wirelessly, with the image from a single PC projected on each. This feature is ideal for large venues in which images have to be projected from various locations.

[8] Simple mode cannot be used in this configuration. Up to 5 projectors can be connected to a single PC.

Web Browser Access [9]

In any of the various Air Shot configurations, including Simple Mode, LAN Configuration, and Multi-Connection Configuration, all VPL-CX85 projectors can be accessed via a web browser. The setup menu can be changed and maintenance information can be obtained via a user-friendly GUI.

[9] Requires Microsoft Internet Explorer 5.0 or later.

VPL-CX75 Data Projector

Security

Control Panel Key Lock
The control panels on both the top and the side of the projector can be locked, preventing inadvertent or unauthorized adjustment of the controls.

Password-Authentication System
Once a user sets a password, the projector cannot be used without it. This function prevents unauthorized use of the projector.

Security Lock
It is possible to connect to an optional security cable such as Kensington's.

General

Selectable Lamp Wattage
The lamp wattage is selectable between 165W and 135W in the menu.

On Screen Multi-Language Setup Menu
The On-Screen Display for projector control is available in 15 languages: English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Chinese (Simplified), Chinese (Traditional), Korean, and Thai.

Eco-friendly
When set to "On" in OSD menu "Power Saving" the VPL-CX75 goes into power saving mode if there is no operation for 10 minutes with no signal input.

Freeze Function
The VPL-CX75 can freeze a picture when a signal from a PC is input. During the picture freeze, the presenter can operate the PC for setting up the next presentation file or images.

Digital Zoom Function
Up to 4x digital zoom is available which can be controlled via the supplied Remote Commander unit. One section of the projected image can be zoomed in to show details of the image.

Picture and Audio Muting Function
The VPL-CX75 can mute the picture and audio temporarily. It is useful for video presentation or class discussions.

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Model Name		VPL-CX75
Projection System		3 LCD panels, 1 lens projection system
Panel		0.79-inch X6A LCD panel, 786,432 (1024 x 768) x3
Lens	Zoom	1.2 times
	F	1.6 to 1.78
	f	f23.5 to 28.2mm
Lamp		165/135W UHP
Screen Size		40" to 300" (measured diagonally)
Keystone Correction Range		Max. +/- 30 degrees vertically, +/- 20 degrees horizontally
Light Output		2500/2000 ANSI lm (lamp mode high)
Throwing Distance*	80-inch	2.4 to 2.7 m
	100-inch	3.0 to 3.1 m
Resolution	Video	750TV lines
	RGB	1024x768
Acceptable Signals	Computer	fH: 19-72kHz, fV: 48-92Hz (Up to SXGA+ (60Hz)
	Video	15kHz RGB/Component 50/60Hz, Progressive Component 50/60Hz DTV (480/60i, 575/50i, 480/60p, 575/50p, 540/60p 720/60p, 720/50p, 1080/60i, 1080/50i) Composite video, Y/C video
Colour System		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
Speaker	Mono	Mono 1W(max.)x1
Input	RGB/Component	Analog RGB (HD D-sub 15 pin x 1)
	S-Video	Y/C Mini DIN 4pin
	Composite	Composite video (RCA pin jack)
	Audio	stereo mini jack
	USB	Uptream (B type, x1)
	Wireless LAN	Wireless LAN card slot x 1
	Memory Stick	Memory Stick slot x 1
Output		NO
HDTV/DTV		YES
Dimension (WxHxD)	mm	298 X 69 X 243.5 mm
	inch	11 .7 x 2.7 x 9.6 inches
Weight	kg	Approx. 2.9 kg
	lb	Approx. 6 lbs 4 oz
Power Requirements		AC 100 to 240V, 50/60Hz
Power Consumption	Max	240W
	Standby	9W
Operating Temperature		0 to 35 degrees Celsius (32 to 95 F)
Operating Humidity		35% to 85% (no condensation)
Heat Dissipation		819 BTU
Image Flip		YES
Remote Commander		RMPJPI / RMPJMI7
Off & Go		YES
Security Lock (Kensington)		YES
D. Zoom		YES
Freeze		YES
Security (by software)	Pasword	YES
	Panel Key Lock	YES
Picture Mode		YES
Illumination Menu		YES
High Altitude Menu		YES
OSD (language)		15-language (English, French, German, Italian, Spanish, Portuguse, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai)
Safety Regulations		UL1950, cUL (CSA No.60950), FCC Class B, IC Class B, DEMKO (EN60950), CE (LVD, EMC), C-Tick
Laser	Laser Type	Class 2
	Wavelength	640 - 660
	Output	1mW
Supplied Accessories		Remote Commander (RM-PJMI7), AA size batteries (2), HD D-sub 15 pin cable, Soft case, Air filter, Carrying Case, Operating instructions (CD-ROM), USB Wireless LAN module : IFU-WLM1, USB Storage Media, Wireless LAN card : IFU-WLC1 Quick reference manual, Security label (Warranty Booklet@local) (AC Power Cord, 2 pole @local)